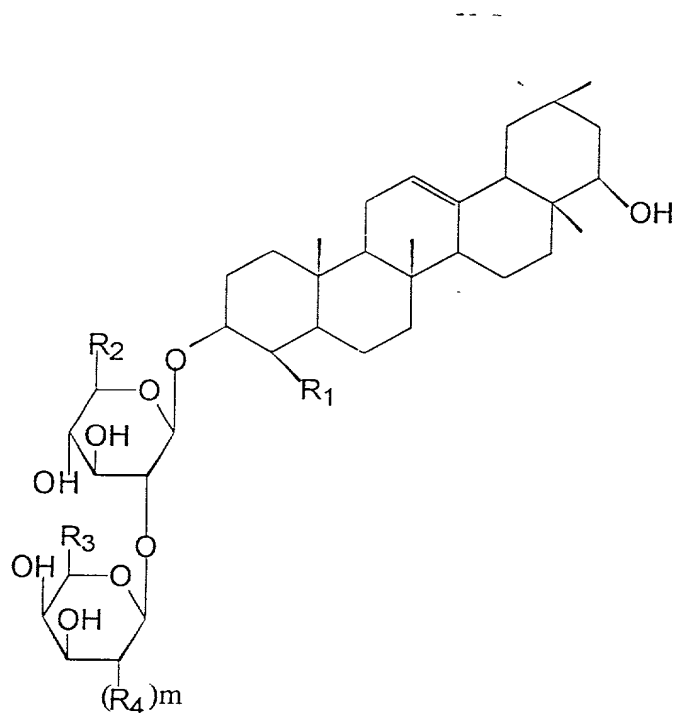


SAPONIN DERIVATIVES FOR INHIBITION
SIALYLTRANSFERASE ACTIVITY AND BIOSYNTHESIS OF
SIALOGLYCOCONJUGATE

5

ABSTRACT OF THE DISCLOSURE

The invention provides the use of the saponin derivatives, which is of the general formula (I) or the pharmaceutically acceptable salts and esters thereof:



10

wherein

R₁ is hydrogen, C₁₋₈ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, or C₁₋₈ alkylhydroxy;

R₂ is hydrogen, C₁₋₈ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, COOH, COOC₁₋₈alkyl;

alkynyl;

m is 0, 1, 2 or 3;

5 and pharmaceutically acceptable carriers, as well as the use of such
pharmaceutical composition in the inhibition of sialyltransferases.